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	Substitute for form 1445/F1O	Application Number	New U.S. Application		
	INFORMATION DISCLOSURE	Filing Date	February 24, 2004		
	INFORMATION DISCLOSURE	First Named Inventor	Misty AZARA et al.		
	STATEMENT BY APPLICANT	Art Unit .			
	(Use as many sheets as necessary)	Examiner Name			
abla	Sheet 1 of 2	Attorney Docket Number	FX/A3007Q-317003		

Examiner	Cite	Document Number	Publication Date		Name of Patentee or	Pages, Columns, Lines, Who Relevant Passages or Releva	
Initials*	No.¹	Number-Kind Code ^{2 (# known)}	MM-DD-YYYY	Ар	olicant of Cited Document	Figures Appear	BIN
		^{US-} 5,751,907	05-12-1998	Moebiu	s et al.		
		^{US-} 5,790,978	08-04-1998	Olive et	al.		
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INF	ORMATION	N DIS	CLOSURE	Filing Date	February 24, 2004		
STA	TEMENT I	BY A	PPLICANT	T First Named Inventor Misty AZARA et al.			
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		NON PATENT LITERATURE DOCUMENTS	
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		Black A.; Taylor, P.: CHATR: a generic speech synthesis system" in Proceedings of COLING74, II p. 83-986, Kyoto, 1994	
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		Long, S.; Kooper, R.;Abowd, G.; Atkeson, C., "Rapid Prototyping of Mobile Context-Aware Applications: the CyberGuide Case Study", in the Proceedings of the 2nd ACM International Conference on Mobile Computing and Networking (MobiCom'96), pp. 97-107, November 10-12, 1996.	
		Shriberg., E.; Stolke, A.; Hakkani-Tur, Dilek; Tur, Gokhan, "Prosody-Based Automatic Segmentation of Speech Utterances into Sentences and Topics" in Speech Communication, 2000, 32, 1-2, Sept, pp. 127-154.	
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Substitute for form	1 1445/F 10	Application Number	New U.S. Application		
INFORMATION DIGGLOCULE		Filing Date	February 24, 2004		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor	Misty AZARA et al.		
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			U. S. PATEN	F DOCUMENTS		
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Examiner Signature	/Michael Colucci/	Date Considered	07/12/2007	

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the appropriate symbols as indicated on the document under two desired or appropriate symbols as indicated on the document under two desired or property.

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INF	ORMATION	DIS	CLOSURE	Filing Date	February 24, 2004
STA	ATEMENT E	BY A	PPLICANT	First Named Inventor	Misty AZARA et al.
	#			Art Unit	·
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Sheet	2	of	2	Attorney Docket Number	FX/A3007Q - 317003

		NON PATENT LITERATURE DOCUMENTS	
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ² .
		Black A.; Taylor, P.: CHATR: a generic speech synthesis system" in Proceedings of COLING74, II p. 83-986, Kyoto, 1994	
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		Long, S.; Kooper, R.; Abowd, G.; Atkeson, C., *Rapid Prototyping of Mobile Context-Aware Applications: the CyberGuide Case Study*, in the Proceedings of the 2nd ACM International Conference on Mobile Computing and Networking (MobiCom'96), pp. 97-107, November 10-12, 1996.	
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		Stoicke., A.; Schriberg, E.; Bates, R.; Coccaro N.; Jurafsky, D.; Martin, R.; Meteer, M.; Ries, K.; Taylor, P.; Van Ess-Dykerna, C., "Dialog Act Modeling for Conversational Speech" in Applying Machine Learning to Discourse Processing. Papers from the 1998 AAAI Spring Symposium, Technical Report SS-98-01 (J. Chu-Cerroll et al, eds.) Stanford CA pp. 98-105, AAAI Press, Manio Park CA, 1998	
		Wrende, B.; Schriberg, E., "Spotting 'HotSpots' in Meetings: Human Judgments and Prosdic Cues" in Proc. Eurospeech, Geneva, 2003.	
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Examiner	Michael Colucci/	Date	07/12/2007
Signature	/Michael Colucci/	Considered	07/12/2007

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	2/25/2004	•
				First Named Inventor	Misty AZARA et al.	
				Art Unit	2641	•
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Sheet	1	of	3	Attorney Docket Number	FX/A3007Q-317003	

Evamina-	Cito	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
Examiner Initials* Cite No.1		the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Levow, G., "Prosodic Cues to Discourse Segment Boundaries in Human-Computer Dialogue", in 5th SIGdial Workshop on Discourse and Dialogue Boston, April 30 and May 1, 2004.	
		Lascarides, A. and Oberlander, J., "Temporal Coherence and Defeasible Knowledge", Theoretical Linguistics, 19.1, pp. 1-35, Walter de Gruyter, Berlin, New York, 1993.	
		"CHATR: A Generic Speech Synthesis System", December 25, 1997, downloaded from http://feast.atr.jp/chatr/manual/index.html 3/16/2006.	
		"HCRC Project: ID4S Intonation in Dialogue for Speech Recognition", downloaded from http://www.hcrc.ed.ac.uk/Site/IDS4.html 6/2/2004.	
		Nuance Say Anything Grammars product description, downloaded from http://cafe.bevocal.com/docs/grammar/sayanthing.html 6/2/2004.	
	-	Ljolje, A., "The AT&T LVCSR-2001 System", May 3, 2001, downloaded from ftp://jaguar.ncsl.nist.gov/evaluations/hub5/may01/pres/att_lvcsr.pdf 3/16/2006.	
		DARPA Communicator Project: Robust Recognition and Dialog Tracking for Interactive Information Access, March 2003, downloaded from http://ssli.ee.washington.edu/projects/communicator.html 3/15/2006.	
		Ayers, G.M., 1992. "Discourse functions of pitch range in spontaneous and read speech." Presented at the Linguistic Society of America Annual Meeting.	
		Brown, G. and Kenworthy, J. 1980 Questions of Intonation, Baltimore, University Park Press, p. 21-122.	

Examiner Signature	/Michael Colucci/	Date Considered	07/12/2007

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Subsbh	ite for form 1449/PTO		•	Application Number	10/785,199	
INF	ORMATION	DIS	CLOSURE	Filing Date	2/25/2004	
STA	ATEMENT B	BY A	PPLICANT	First Named Inventor	Misty AZARA et al.	
				Art Unit	2641	
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Sheet	2	of	3	Attorney Docket Number	FX/A3007Q-317003	

	L 0.4 .	NON PATENT LITERATURE DOCUMENTS	
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/MC/		Kamp, H. 1981. "A Theory of of Truth and Semantic Representation." in J.A.G. Groenendijk, T. Jannssen, and M. Stokhof (eds.) Formal Methods in the Study of Language. Amesterdam: Mathematisch Centrum, 277-322.	
		Ladd, D.R. 1983, "Phonological Features of Intonation Peaks", Language, 59:721-759.	
		Ladd, D.R. 1988. "Declination Reset and the Hierarchical Organization of Utterances" Journal of the Acoustical Society of America, 84(2):530-544.	
		Mariani, J.; Proubeck, P., 1999 "Language Technologies Evaluation in the European Framework", Proceedings of the DARPA Broadcast News Worksop, Washington: Morgan Kaufman Publishers, pp. 237-242.	
		Nakatani, C.; Hirschberg, J.; and Grosz, 1995. *Discourse Structure in Spoken Language: Studies on Speech Corpora.* In Working Notes of the AAAI-95 Spring Symposium in Palo Alto, CA in Empirical Methods in Discourse Interpretation. pp. 106-112.	
		Polanyi, L.; and Sch, R., 1984. "A syntactic approach to discourse semantics." Proceedings of the 10th International Conference on Computational Linguistics, Stanford, CA 413-419.	
		Silverman, K.; Beckman, M.; Pierrehumbert, J.; Ostendorf, M.; Wightman, C.; Price, P.; and Hirschberg, J. 1992. "ToBl: A standard scheme for labeling prosody." In Proceedings of ICSLP. Banff: International Conference on Spoken Language Processing.	
V		Terken, J. 1984. "The distribution of pitch accents in instructions as a function of discourse structure." Language and Speech, 27:269-289.	

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Attorney Docket Number

			U. S. PATEN	FOOCUMENTS	
Examiner Initials*	Cite No.	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	L	^{US-} 20050182625	08-18-2005	Misty AZARA et al.	
	[us- 2005-171926	08-04-2005	Giovanni L. THIONE	
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		"CHATR: A Generic Speech Synthesis System", December 25, 1997, downloaded from http://feast.atr.jp/chatr/manual/index.html 3/16/2006.	
		"HCRC Project: ID4S Intonation in Dialogue for Speech Recognition", downloaded from http://www.hcrc.ed.ac.uk/Site/IDS4.html 6/2/2004.	
		Nuance Say Anything Grammars product description, downloaded from http://cafe.bevocal.com/docs/grammar/sayanthing.html 6/2/2004.	
		Ljolje, A., "The AT&T LVCSR-2001 System", May 3, 2001, downloaded from ftp://jaguar.ncsl.nist.gov/evaluations/hub5/may01/pres/att_lvcsr.pdf 3/16/2006.	
		DARPA Communicator Project: Robust Recognition and Dialog Tracking for Interactive Information Access, March 2003, downloaded from http://ssli.ee.washington.edu/projects/communicator.html 3/15/2006.	
		Ayers, G.M., 1992. "Discourse functions of pitch range in spontaneous and read speech." Presented at the Linguistic Society of America Annual Meeting.	
		Brown, G. and Kenworthy, J. 1980 Questions of Intonation, Baltimore, University Park Press, p. 21-122.	

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Substitute for form 1449/PTO .				Complete if Known		
Substitu	ne for form 1448/FTO		•	Application Number	10/785,199	
INF	ORMATION	N DIS	CLOSURE	Filing Date	2/25/2004	
STA	STATEMENT BY APPLICANT			First Named Inventor	Misty AZARA et al.	
				Art Unit	2641	
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Sheet	2	of	3	Attorney Docket Number	FX/A3007Q-317003	

Examiner	Cite	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
Initials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Kamp, H. 1981. "A Theory of of Truth and Semantic Representation." in J.A.G. Groenendijk, T. Jannssen, and M. Stokhof (eds.) Formal Methods in the Study of Language. Amesterdam: Mathematisch Centrum, 277-322.	
		Ladd, D.R. 1983, "Phonological Features of Intonation Peaks", Language, 59:721-759.	
		Ladd, D.R. 1988. "Declination Reset and the Hierarchical Organization of Utterances" Journal of the Acoustical Society of America, 84(2):530-544.	
		Mariani, J.; Proubeck, P., 1999 "Language Technologies Evaluation in the European Framework", Proceedings of the DARPA Broadcast News Worksop, Washington: Morgan Kaufman Publishers, pp. 237-242.	
		Nakatani, C.; Hirschberg, J.; and Grosz, 1995. "Discourse Structure in Spoken Language: Studies on Speech Corpora." In Working Notes of the AAAI-95 Spring Symposium in Palo Alto, CA in Empirical Methods in Discourse Interpretation. pp. 106-112.	
		Polanyi, L.; and Sch, R., 1984. "A syntactic approach to discourse semantics." Proceedings of the 10th International Conference on Computational Linguistics, Stanford, CA 413-419.	
		Silverman, K.; Beckman, M.; Pierrehumbert, J.; Ostendorf, M.; Wightman, C.; Price, P.; and Hirschberg, J. 1992. "ToBI: A standard scheme for labeling prosody." In Proceedings of ICSLP. Banff: International Conference on Spoken Language Processing.	
		Terken, J. 1984. "The distribution of pitch accents in instructions as a function of discourse structure." Language and Speech, 27:269-289.	

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Signature	Considered
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Substitute for form 1449/PTO	Complete if Known		
Substitute for form 1448/FTO	Application Number	10/785,199	
INFORMATION DISCLOSURE	Filing Date	2/25/2004	
INFORMATION DISCLOSURE	First Named Inventor	Misty AZARA et al.	
STATEMENT BY APPLICANT	Art Unit	2641	
(Use as many sheets as necessary)	Examiner Name		

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Examiner Initials*	Cite No.	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear			
	† –	US- related appl.						
	<u> </u>	^{US-} 20050182625	08-18-2005	Misty AZARA et al.				
,		us- 2005-171926	08-04-2005	Giovanni L. THIONE				
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		^{US-} 20050182625	08-18-2005	Misty AZARA et al.				
		^{US-} 20050182618	08-18-2005	Misty AZARA et al.				
		^{US-} 20050086592	04-21-2005	Livia POLANYI et al.				
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